# Physics 3+2 Engineering

Major Academic Pathway (MAP)

Bachelor of Science

Only for students who matriculated as freshmen

## Fall Semester 1
- APhy 140/or TPhy 141
- APhy 145
- AMat 112 or 118 **MS**
- AChm 120/or TChm 130 **NS**
- AChm 124
- Arts Gen Ed **AR**

## Spring Semester 1
- APhy 150/or TPhy 151
- APhy 155
- AChm 121/or TChm 131
- AChm 125
- AMat 113 or 119
- UUni 110 **WCI**

## Fall Semester 2
- APhy 240
- APhy 353
- AMat 214
- ICsi 101
- Humanities/International Perspectives Gen Ed **HU + IP**

## Spring Semester 2
- APhy 250
- APhy 245
- AMat 220
- AMat 311
- ICsi 204
- RPos 101 **SS + US**

## Summer 1
- Officially declare your major
- Consider coursework
- Look for a summer job in the area of your studies

## Fall Semester 3
- APhy 320
- APhy 340
- APhy 462
- AMat 367 or APhy 440
- Foreign Language **FL**

## Spring Semester 3
- APhy 335Z
- APhy 415
- APhy 460
- APhy 350 or APhy 450
- Challenges for 21st Century Gen Edu **CH**

## Summer 2
- Consider study abroad options
- Look for shadowing/research opportunities

## Summer 3
- Summer internship/research

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**General Education Requirements**, for students matriculating Fall 2014 or later:

- **MS** Mathematics and Statistics
- **WCI** Writing and Critical Inquiry
- **AR** Arts
- **HU** Humanities
- **NS** Natural Sciences
- **SS** Social Sciences
- **US** U.S. Historical Perspectives
- **IP** International Perspectives
- **FL** Foreign Language (one semester of collegiate study, or the equivalent, of a foreign language)
- **CH** Challenges for the 21st Century

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NOTE: This is a suggested course sequence. Prepared by Advisement Services - 2016